

1 What is claimed is:

2  
3 1. An LCD assembly for a home appliance, comprising:  
4 an insulator provided rectangular at one side of the home appliance to have a guide  
5 along an edge of the insulator;  
6 a printed circuit board loaded inside the guide;  
7 a coating layer on the printed circuit board;  
8 an LCD panel provided over the coating layer; and  
9 a plurality of recesses formed along edges of the insulator, the printed circuit board,  
10 the coating layer, and the LCD panel.

11  
12 2. The LCD assembly as claimed in claim 1, further comprising a dummy at  
13 each of the recesses to be connected to the printed circuit board through a multitude of bridges.

14  
15 3. The LCD assembly as claimed in claim 2, wherein the bridges extend outside  
16 the corresponding recess.

17  
18 4. The LCD assembly as claimed in claim 2, wherein a breaking portion of the  
19 corresponding bridges is formed relatively thin.

20  
21 5. The LCD assembly as claimed in claim 2, wherein a breaking portion of the  
22 corresponding bridges is formed relatively thinner than other portions by etching.

23  
24 6. The LCD assembly as claimed in claim 2, wherein a breaking portion of the

corresponding bridges is formed relatively thinner than other portions by stamping.

7. The LCD assembly as claimed in claim 1, further comprising a plurality of bosses protruding from a bottom of the insulator to penetrate the recesses, respectively.

8. The LCD assembly as claimed in claim 7, wherein a step is formed at an end of each of the bosses so that the LCD panel is caught on the step to leave a predetermined gap from the coating layer.

9. The LCD assembly as claimed in claim 7, wherein a screw coupling hole is formed at an end of each of the bosses so that the LCD panel is coupled to the end of each of the bosses by a screw.

10. The LCD assembly as claimed in claim 1, wherein the insulator is formed of an electrically insulating material.

11. In an LCD assembly printed circuit board provided with a dummy connected thereto through a multitude of bridges in a recess at an edge thereof, a printed circuit board of a home appliance LCD assembly wherein the bridges extend outside the recess.

12. The printed circuit board as claimed in claim 11, wherein a breaking portion of the bridges is formed relatively thin.

13. The printed circuit board as claimed in claim 11, wherein a breaking portion

49 of the bridges is formed relatively thinner than other portions by etching.

50

51

14. The printed circuit board as claimed in claim 11, wherein a breaking portion

52

of the bridges is formed relatively thinner than other portions by stamping.